

3. *Castanidium buchanani*, n. sp. (Pl. 113, fig. 7).

Pores regular, circular, without frames, twice as broad as the bars, of variable size. Bristles five to six times as long as one pore. Radial main-spines numerous, straight, slender, cylindrical, about as long as the diameter of the shell.

*Dimensions*.—Diameter of the shell 0.25 to 0.3, of the pores 0.012 to 0.02.

*Habitat*.—Tropical Atlantic, Stations 346 to 349, surface.

4. *Castanidium murrayi*, n. sp. (Pl. 113, figs. 5, 5a).

Pores subregular, circular, without frames, three times as broad as the bars. Bristles three times as long as one pore. Radial main-spines cylindrical, stout, irregularly curved, longer than the shell-diameter, covered with longish hexagonal dimples, which are separated by a network of prominent crests (fig. 5a).

*Dimensions*.—Diameter of the shell 0.4 to 0.5, of the pores 0.02 to 0.025.

*Habitat*.—North Atlantic, Station 352 to 354, surface.

5. *Castanidium aldrichi*, n. sp.

Pores subregular, circular, without frames, of variable size, about as broad as the bars. Bristles four times as long as one pore. Radial main-spines conico-cylindrical, irregularly curved, straight, about as long as the radius. (The conical base of the spines is inflated and fenestrated, therefore the shell is nearly polyhedral.)

*Dimensions*.—Diameter of the shell 0.35 to 0.4, of the pores 0.012 to 0.015.

*Habitat*.—Central Pacific, Stations 270 to 274, surface.

6. *Castanidium bromleyi*, n. sp.

Pores irregular, roundish, two to four times as broad as the bars. Bristles half as long as the radius. Radial main-spines cylindrical, straight, slender, longer than the shell-diameter.

*Dimensions*.—Diameter of the shell 0.22 to 0.26, of the pores 0.006 to 0.02.

*Habitat*.—Indian Ocean and Southern Pacific, Stations 162 to 169, surface.

7. *Castanidium bethelli*, n. sp.

Pores irregular, roundish or polygonal, two to three times as broad as the bars. Bristles one-third as long as the radius. Radial main-spines conico-cylindrical, irregularly curved, with dimpled surface, somewhat longer than the radius.

*Dimensions*.—Diameter of the shell 0.5 to 0.6, of the pores 0.015 to 0.03.

*Habitat*.—North Pacific, Stations 235 to 245, surface.